

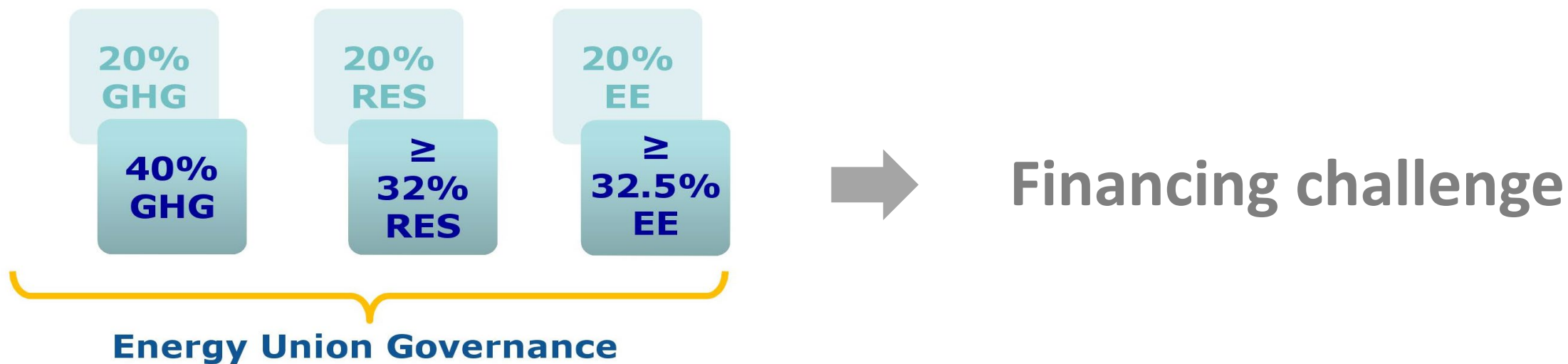


# Horizon 2020 support to **De-risking Energy Efficiency Investments**

2<sup>nd</sup> National Roundtable on Financing Energy Efficiency in Romania  
Bucharest, Romania - 6 June 2019

Björn Zapfel  
Senior Project Adviser, Unit B1 Energy  
Executive Agency for Small and Medium-Sized Enterprises (EASME)

# EU 2020 and 2030 climate and energy goals



## Clean Energy for all Europeans package

# "Smart Financing for Smart Buildings"

## More effective use of public funds

- Deploying **Financial Instruments** and flexible energy efficiency and renewables financing models
- Building on EFSI blending with ESIF funds



## Assistance and aggregation

- Supporting the project pipeline at EU and local level
- **Project Development Assistance** facilities
- "One-stop-shops"



## De-risking

- Understanding the risks and benefits for financiers and investors
- De-risking Energy Efficiency Platform
- EEFIG Underwriting toolkit





# Mainstreaming energy efficiency finance

Call H2020-LC-SC3-EE-10-2018-2019-2020

- **Frameworks for the standardisation and benchmarking** of energy efficiency investments
- **Capacity building** for banks and investors
- Gathering, processing and disclosing large-scale **data on actual financial performance** of energy efficiency investments
- Further **integration of non-energy benefits in project valuation** and adapted financial offer
- Increase share of EE investments in **institutional investors'** portfolios
- Explore the **impact** of revised risk ratings and requirements for EE **on financial regulations**

Deadline (extended): **10 September 2019**



# EeMAP (Action plan) & EdDaPP (Data protocol )

- Creating a standardised “energy efficient mortgage”, for building owners to improve energy efficiency or acquire an already energy efficient property by way of preferential financing linked to the mortgage
- 2 assumptions:



Retrofitting impacts positively on property value ensuring wealth conservation & loss mitigation by preventing “brown discount”

EE leads to a reduction in the impact of energy costs income, reducing borrowers’ probability of default



- Pilot phase with 45 banks

# QualitEE

Quality certification frameworks for energy efficiency services



- Quality certification frameworks for EE services in 8 countries
  - 1) Specification of standardised quality criteria
  - 2) Institutionalisation of quality assurance process
  - 3) Active promotion schemes
- Guidelines on EU-wide standardised “technical quality criteria” and “minimum financial information”

- Common understanding of “good quality” for energy efficiency services
- Better informed investors
- Increased availability of viable finance
- Increased trust and investment in energy efficiency services



# Innovative financing for energy efficiency investments

Call H2020-LC-SC3-EE-9-2018-2019

- **Set-up new** innovative, operational **financing schemes**
  - *e.g. dedicated credit lines, guarantee facilities, on-bill or on-tax financing, etc.*
- **Replicate** previously successful solutions
  - *e.g. developed/implemented under various PDA facilities*
- **Establish** regional/national **aggregators** able to develop large (standardized) project pipelines
- **Create** EU or regional/national energy efficiency **investment roundtables/platforms**

Deadline (extended): **10 September 2019**



## ESI Europe

- Energy savings insurance mechanism for SMEs
- Simplified independent validation/verification
- Standardised contractual arrangements

<https://www.esi-europe.org/>



## EuroPACE

- On-tax financing mechanism for energy renovations
- Linking debt to the property rather than to the owner and collecting debt repayment through property taxes

<http://www.europace2020.eu/>



# Key features for a successful proposal

- **Adequate analysis** of market needs and barriers to overcome
- **Clear and detailed concept** addressing real needs of market actors – a good idea is not enough!
- **Engagement of market actors** at proposal stage and during the whole duration of the action – in particular financial institutions
- **Clear viability** of the solution(s) envisaged

# More information

- H2020 participant portal
  - LC-SC3-EE-10-2018-2019-2020 « Mainstreaming energy efficiency finance »: <http://bit.ly/sc3-ee-10>
  - LC-SC3-EE-9-2018-2019 « Innovative financing for energy efficiency investments »: <http://bit.ly/sc3-ee-9>
  - LC-SC3-EE-11-2018-2019-2020 « Aggregation - Project Development Assistance »: <http://bit.ly/sc3-ee-11>
  - LC-SC3-EE-2-2018-2019 « Integrated home renovation services »: <http://bit.ly/sc3-ee-2>
- H2020 Online Manual: <http://bit.ly/H2020-manual>
- Energy Efficiency Info Day: <http://bit.ly/sc3-infoday>
- SEI Forums Webpage: <http://bit.ly/seif-home>
  - Proceedings from all events
- Questions & Answers: [EASME-Energy@ec.europa.eu](mailto:EASME-Energy@ec.europa.eu)

# THANK YOU!

Björn Zapfel

[bjorn.zapfel@ec.europa.eu](mailto:bjorn.zapfel@ec.europa.eu)

[EASME-Energy@ec.europa.eu](mailto:EASME-Energy@ec.europa.eu)